## ISSUE SLIP STAPLE AREA ( ) additional cross references)

| PCSINION!                 | INITIALS | ID NO. | DATE              |  |  |
|---------------------------|----------|--------|-------------------|--|--|
| FEE DETERMINATION         |          |        |                   |  |  |
| O.I.P.E. CLASSIFIER       |          | 48     | 7/19/01           |  |  |
| FORMALITY REVIEW          | K-2.     | 1116   | 08/23/01          |  |  |
| RESPONSE FORMALITY REVIEW | ET       | 30878  | <u>  (1-15-0\</u> |  |  |
|                           |          |        | <u> </u>          |  |  |

## **INDEX OF CLAIMS**

| Rejected                     | N Non-elected |
|------------------------------|---------------|
| = Allowed                    | IInterference |
| — (Through numeral) Canceled | A Appeal      |
| ∴ Restricted                 | O Objected    |

|          |          |              |              |              |          | ÷            | •••  | ••••         | •••••      | ••••         | •••••                          | ••                |
|----------|----------|--------------|--------------|--------------|----------|--------------|--|--------------|------------|--------------|--------------------------------|-------------------|
| Cla      | im       |              |              |              |          | Dat          | е  |              |            | _            | $\neg$                         |                   |
|          |          | Ž            |              |              |          |              |  |              |            |              |                                |                   |
| Final    | Original | 01/08/04     |              |              |          |              |  |              |            |              |                                |                   |
| -        | _        | $\frac{2}{}$ | _            | _            |          | -            |  | _            |            | _            | ╡                              |                   |
|          | _        | V            |              |              |          |              |  |              |            |              |                                |                   |
|          | 3        | V            |              | 7            |          |              |  |              |            |              |                                |                   |
|          | 4        | Z            |              | 2            |          |              |  |              |            |              | $\Box$                         |                   |
|          | 5        | $\checkmark$ | _            | L.           | _        |              |  |              |            |              | _                              |                   |
| _        | 6        | V,           |              | _            | _        |              |  |              | Щ          |              |                                |                   |
|          | 7        | V            |              | <u> </u>     | L        | <u> </u>     | -  |              | H          | -            | ᅱ                              |                   |
| _        | 9        | V            |              | <u> </u>     | _        | -            |  | -            | Н          | $\dashv$     | ᅱ                              |                   |
| _        | 10       | 7            |              | ├            | $\vdash$ | <del> </del> |  | ┝            |            | 一            | ᅱ                              |                   |
| _        | 11       | ノ            |              | $\vdash$     | -        | $\vdash$     | _  |              |            | $\neg$       | $\dashv$                       |                   |
| _        | 12       | 1            |              | -            | T        | -            | Г  |              | Н          |              | 一                              |                   |
|          | 13       | /            | _            |              |          | Γ            |  |              |            |              | $\neg$                         |                   |
| _        | 14       | V            |              |              |          |              |  |              |            |              |                                |                   |
|          | 15       | Ż            |              |              |          |              |  |              |            |              |                                |                   |
| ٠        | 16       | V            |              |              |          |              |  |              |            |              | Ц                              |                   |
|          | .17      | V,           |              | L            | _        | <u> </u>     | L  |              | L          |              | _                              |                   |
|          | 18       | V            | L            | _            | -        | ļ            | 1  | _            | ┡          | Ш            |                                |                   |
|          | 19       | L,           | <u> </u>     | ļ            | L        | ┡            | -  | _            | <u> </u>   |              | Н                              |                   |
|          | 20       | ν            | <u>_</u>     | <u> </u>     | L        | ╙            | _  | _            | <u> </u>   |              |                                |                   |
|          | 21       | -            | _            | -            | ┞        | ├-           | ⊢  | <u> </u>     | <b> </b> - |              | Н                              |                   |
|          | 22       | <del> </del> | -            | $\vdash$     | -        | ┼            | ├  | -            | -          |              | $\vdash$                       |                   |
|          | 24       | -            | $\vdash$     | ╁            | ┝        | ┼            | ╁  | ┢            | ├          | H            | Н                              |                   |
| -        | 25       | ┢            | <del> </del> | $t^-$        | $\vdash$ | t            | -  | $\vdash$     |            | <del> </del> | $\Box$                         |                   |
|          | 26       | _            | $\vdash$     | t            | T        |              | <del>                                     </del> | $\vdash$     | 1          | 1            |                                |                   |
|          | 27       |              | Г            | <u> </u>     | Τ        |              | Τ  | $\vdash$     | Ī          | Г            | П                              |                   |
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|          | 29       |              |              |              |          |              |  |              |            |              |                                | i                 |
|          | 30       | -            |              |              | L        | 1_           | L  | <u> </u>     | ļ          | <u> </u>     |                                |                   |
| <u></u>  | 31       | +            | <u> </u>     | <u> </u>     | -        | ļ.,          | ļ.,  | 1            | 1          | <u> </u>     | _                              |                   |
| <u> </u> | 32       | -            | $\vdash$     | $\vdash$     | ╀        | ╄            | ┼-   | ╁            | ┢          | ├-           |                                | l                 |
| ⊢        | 33       |              | ⊢            | ╄            | ╁        | ╁            | ╀  | ╁            | ╁          | ┢            | $\vdash$                       | l                 |
| ┝        | 35       | -            | $\vdash$     | +            | ╁        | +            | ╁  | ╁            | ╄╌         | ╁╴           | -                              |                   |
| -        | 36       |              | ╁            | ╁            | +        | +            | ╁  | ╁            | +          | ╁╌           | ╁┈                             |                   |
| H        | 37       | -            | †            | +            | t        | t            | T  | t            | T          |              | $t^-$                          |                   |
| Г        | 38       |              | $\top$       | $\top$       | T        | +            | 1  | T            |            |              | Г                              |                   |
|          | 39       | -            |              | $oxed{\Box}$ | Ι        |              |  |              |            |              |                                |                   |
| Ĺ        | 40       | L            | L            | I            | I        | I            | Γ  |              | L          |              | L.                             |                   |
|          | 41       |              | Γ            |              | $\Gamma$ | I            | L  | I            |            |              |                                |                   |
|          | 42       |              |              |              | L        | L            | I  | L            |            |              | $oxedsymbol{oxedsymbol{oxed}}$ |                   |
| L        | 43       | 4            | $\perp$      | <u> </u>     | Ļ        | $\perp$      | $\perp$  | $\downarrow$ | 1          | $\perp$      | <u> </u>                       |                   |
| Ŀ        | 44       | 4            | $\perp$      | $\perp$      | $\perp$  | 1            | 1  | 1            | 1          | $\perp$      | $\perp$                        | 1                 |
| <u> </u> | 45       |              | $\perp$      | $\perp$      | $\perp$  | +            | ┼-   | +            | $\perp$    |              | $\vdash$                       | 1                 |
| <u> </u> | 46       |              | +-           | +            | +        | +            | +  | ┼-           | $\vdash$   | ╀            | <del> </del>                   | $\left\{ \right.$ |
| $\vdash$ | 47       |              | $\vdash$     | +            | +        | ╀            | +  | +-           | +          | ╀            | -                              |                   |
| <u> </u> | 40       | 4-           | 1            | +-           | +-       | +            | ╁  | +            | +-         | +-           | +-                             | ł                 |

| Claim Date |          |          |          |          |  |            |                                     |              |          |          | П         |
|------------|----------|----------|----------|----------|--|------------|-------------------------------------|--------------|----------|----------|-----------|
|            |          | 1        | Т        | Т        | T  |            |                                     |              |          |          | T         |
| _          | Original | - 1      | - 1      | - 1      |  |            |                                     |              |          | ļ        | -         |
| Final      | Ĕ        |          |          | ļ        | İ  |            |                                     |              | -        | 1        |           |
| <u> </u>   | 51       | +        | 十        | -        | _  |            |                                     |              | _        | $\dashv$ | _         |
|            | 52       | $\dashv$ | +        | 十        | -  | _          | _                                   | -            | $\dashv$ | +        | $\dashv$  |
|            | 53       | -+       | $\dashv$ | -+       | $\dashv$   |            |                                     |              | $\dashv$ | -+       | $\dashv$  |
|            |          | 4        | -+       | $\dashv$ | $\dashv$   |            |                                     |              |          | -        | _         |
|            | 54       | -+       | +        | -+       | _  |            |                                     | -            |          | -        |           |
| _          | 55       | 4        | 4        | -+       |  |            | -                                   | _            | 4        | -        | ᅱ         |
|            | 56       | -        | -        | -1       | _  |            | _                                   | -            | Н        | -        |           |
|            | 57       | 4        | _        | _        | _  |            |                                     | <u> </u>     |          | _        |           |
|            | 58       | _        | _        |          |  |            | _                                   |              | -        |          | 4         |
|            | 59       |          | _        | _        |  |            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     |          |          | ᆚ         |
|            | 60       |          |          | _        |  |            |                                     |              |          |          | _         |
|            | 61       |          |          |          |  |            |                                     |              | •        |          |           |
|            | 62       |          | П        | 1        |  |            |                                     |              |          |          |           |
|            | 63       |          | T        | П        |  |            |                                     |              |          |          |           |
|            | 64       | _        |          |          |  | Г          | Г                                   |              |          |          |           |
| ┪          | 65       | 寸        | 寸        | $\neg$   | -  |            | _                                   |              |          | П        |           |
| ┝┈         | 66       | _        | _        |          |  |            | 1                                   | $\vdash$     |          | П        | $\neg$    |
| ┢          | 67       |          |          | 一        |  |            | ┢                                   | 1            | Г        | П        | $\neg$    |
|            | 68       |          |          |          |  | Н          | ┢                                   | H            | ┢        | П        | $\dashv$  |
| $\vdash$   | 69       | -        | _        | $\dashv$ | _  | Н          | ╁                                   |              | $\vdash$ | Н        | $\exists$ |
| ⊢          | _        | $\dashv$ |          |          |  | ┢          | ┢                                   | 1            | -        | ┢╌       |           |
| ┡          | 70       | _        | 4        | -        | _  | -          | ├                                   | -            | ┝        | -        |           |
| <u> </u>   | 71       | $\Box$   | _        | _        |  | <b>!</b> — | <u> </u>                            | 1            | <u> </u> | -        | Щ         |
| <u> </u>   | 72       |          |          | _        |  | Ļ.,        | L                                   | ┡            |          | _        | Ш         |
| _          | 73       |          | _        |          |  | L          | ┺                                   | 1            | <u> </u> | <u> </u> |           |
|            | 74       |          |          |          |  | _          | <u> </u>                            | <u> </u>     | <u> </u> |          |           |
|            | 75       |          |          |          |  | ╙          | 1                                   | <u> </u>     | ļ        | <u> </u> |           |
| L          | 76       |          |          |          |  | _          | ↓_                                  | <u> </u>     | _        | 1        | Ш         |
| L          | 77       | Ш        |          |          |  | <u> </u>   | <u> </u>                            | <u> </u>     | <u> </u> | ļ        |           |
| L          | 78       |          |          |          |  |            | 上                                   | _            | _        |          |           |
|            | 79       |          |          |          |  |            |                                     |              |          |          |           |
|            | 80       |          |          |          |  |            |                                     | L            |          | L        |           |
|            | 81       |          |          |          |  | П          | Τ.                                  |              |          |          |           |
| Г          | 82       |          |          |          |  | Γ          | П                                   | Т            | Г        |          |           |
|            | 83       | Г        |          |          |  | T          | Т                                   | T            |          |          |           |
| F          | 84       |          |          |          | Г  |            | Τ                                   |              |          |          | Г         |
| $\vdash$   | 85       | П        |          |          |  |            | T                                   | 1            | 1        |          |           |
| $\vdash$   | 86       |          | _        | $\vdash$ | Г  | 1          | T                                   | ╁╌           |          | T        | T         |
| $\vdash$   | 87       |          |          | $\vdash$ |  | ✝          | T                                   | ✝            | 1        | T        |           |
| H          | 88       | $\vdash$ | -        |          | $\vdash$   | T          | 十                                   | 十            | 一        | +        | T         |
| -          | 89       | _        | $\vdash$ | $\vdash$ | -  | 十          | +                                   | +            | +-       | +        | t         |
| $\vdash$   | 90       | -        | $\vdash$ | $\vdash$ | <del>                                     </del> | t          | +                                   | $\top$       | T        | T        | t         |
| $\vdash$   | 91       | $\vdash$ | $\vdash$ | ├        | $\vdash$   | +          | +                                   | +            | +        | +-       | H         |
| L          |          | <u> </u> | ├        | $\vdash$ | -  | +          | ╁                                   | +-           | +        | ╁        | $\vdash$  |
| $\vdash$   | 92       | -        | ⊢        | ├-       | $\vdash$   | ╀          | ╆                                   | -            | ╀        | ╀        | ₩         |
| $\vdash$   | 93       | +        | _        | <u> </u> | <u> </u>   | $\vdash$   | +-                                  | +-           | +-       | 1        | $\vdash$  |
| L          | 94       | _        |          | _        | L  | _          | ↓.                                  | $\bot$       | $\perp$  | 4        |           |
| L          | 95       | +        | <u> </u> | _        | L  | $\perp$    | $\perp$                             | 4_           | ╄-       | $\bot$   | _         |
|            | 96       |          | L        | L        | L  | $\perp$    | ┺                                   | _            | 1        | $\perp$  |           |
| Ĺ          | 97       | L        | Ĺ        | _        | L  | L          | L                                   | L            |          | $\perp$  |           |
| Г          | 98       |          |          |          |  | Γ          |                                     | $oxed{\Box}$ |          |          |           |
| Г          | 99       |          |          |          | Γ  | Γ          | Γ                                   |              | $\prod$  | $\prod$  |           |
| -          |          | _        |          |          |  |            |                                     |              |          |          |           |

|          |            |          |  |   |          |   | _ |          |    |   |   |          |           |          | _        |
|----------|------------|----------|--|---|----------|---|---|----------|----|---|---|----------|-----------|----------|----------|
| Cla      | im         |          |  |   |          |   | D | ate      | В  |   |   |          |           |          | ╛        |
| Final    | Original   |          |  |   |          |   |   |          |    |   | Ī |          |           |          |          |
| 正        |            |          |  | L | 4        |   | L | 4        |    | _ | 1 |          |           | -        | 4        |
|          | 101        |          | L  | L | _        | _ | L | _        |    | _ | 4 | 4        | _         | $\vdash$ | 4        |
|          | 102        |          | _  | L | 4        |   | L | 4        |    | _ | 4 | _        |           | L        | 4        |
|          | 103        |          | L  | Ļ | _        |   | L | 4        |    |   | 1 | _        |           | -        | 4        |
| _        | 104        |          | _  | ╀ | 4        |   | L | 4        |    |   | 4 | _        |           | -        | 4        |
|          | 105        |          |  | 1 | -        |   | ┞ | $\dashv$ |    | _ | + | _        |           | -        | $\dashv$ |
|          | 106<br>107 |          | -  | ╀ | $\dashv$ |   | H | -        |    | H | + | _        |           | -        | ┥        |
|          | 108        |          | <u> </u>   | ╀ | $\dashv$ |   | ┞ | $\dashv$ | _  | - | + |          |           | H        | ┥        |
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|          | 110        | _        | -  | ╁ | $\dashv$ |   | t | $\dashv$ |    | H | + | _        | _         | H        | ┪        |
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|          | 112        | $\vdash$ | $\vdash$   | t | -        |   | t | -        |    | Н | + | _        |           | H        | _        |
| _        | 113        | H        | ┢  | t | -        |   | t |          |    | H | 1 | _        |           | t        | ٦        |
|          | 114        |          | <del>                                     </del> | t |          |   | t |          |    | H | 7 |          | $\vdash$  | T        | ┪        |
| _        | 115        |          |  | t |          |   | t |          | _  | T | ┪ |          |           | T        | ٦        |
|          | 116        |          |  | t |          |   | T |          |    |   |   | _        | Г         | T        |          |
|          | 117        |          | Г  | T |          |   | T |          |    |   |   |          |           | Γ        |          |
|          | 118        |          |  | Ţ |          |   | Τ |          |    | Γ |   |          |           | L        |          |
|          | 119        |          |  | T |          |   | I |          |    |   |   |          |           | Γ        |          |
|          | 120        |          | Γ  | T |          |   | Τ |          |    | Γ |   |          |           | Γ        |          |
|          | 121        | -        | T  | † |          |   | Ť |          |    | T |   |          |           | T        |          |
|          | 122        |          | 1  | Ţ |          |   | T |          | Γ  | Ī |   |          |           | Ι        |          |
|          | 123        |          |  |   |          |   | Ι |          |    | Ι |   |          |           | I        |          |
|          | 124        |          |  | Ι |          | L |   |          |    |   |   |          |           | L        |          |
|          | 125        |          |  | 1 |          |   | 1 |          |    | L |   |          | L         | ļ        |          |
|          | 126        |          | L  | 1 |          | L | 1 |          | L  | Ļ | _ |          | Ļ         | 1        |          |
| L        | 127        |          | Ļ  | 1 | _        | _ | 1 |          | L  | Ļ |   | _        | L         | ļ        |          |
|          | 128        |          | ╀  | 4 |          | L | 4 |          | L  | Ļ |   | <u> </u> | ┞         | ╁        |          |
| _        | 129        |          | ╀  | 4 |          | L | 4 |          |    | + |   | <u> </u> | ╀         | +        |          |
| L        | 130        |          | ╀  | + | _        | - | + |          | ┡  | ╀ |   | -        | ╁         | +        |          |
| L        | 13         | <u> </u> | ╬  | 4 |          | ┝ | + |          | ├- | + |   | -        | ╀         | ╁        |          |
| ┞        |            |          | +  | + |          | - | + |          | ┢  | ╀ |   | -        | ╁         | +        | -        |
| $\vdash$ | 13:<br>13: |          | ╁  | + | -        | + | + |          | +  | + | _ | $\vdash$ | ╁         | +        |          |
| H        | 13         |          | +  | + | _        |   | + |          | ╁  | t | - | -        | t         | ተ        | _        |
| H        | 130        |          | +  | + | _        | t | + |          | 十  | t |   | -        | t         | †        | _        |
| Н        | 13         |          | t  | 1 |          | 1 | Ť |          | T  | t |   |          | t         | †        |          |
| T        | 138        | _        | $^{\dagger}$                                     | 7 | _        | T | † |          | T  | t |   | T        | T         | †        |          |
| _        | 139        |          | T  | 7 |          | T | 1 |          | T  | Ť |   | Τ        | Τ         | Ť        |          |
| Г        | 140        |          | Τ  | ٦ |          | T | 1 |          | Ť  | T |   |          | Γ         | T        |          |
| Г        | 14         |          | +  | 1 |          | 1 | † |          | T  | 1 |   | Γ        | Ť         | †        |          |
| 一        | 14         | <u>a</u> | +  | + |          | T | 7 |          | T  | † | _ | 十        | $\dagger$ | †        | _        |
| $\vdash$ | 14         | <u>a</u> | $\dagger$  | 7 | _        | T | 1 |          | T  | t | _ | T        | T         | †        |          |
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| Г        | 14         | 9        | T  |   |          | Ι | ] |          | Ι  | Ī |   | Γ        | Ι         | 1        |          |
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